CHECKLIST #0210 FOR THE APPROVAL OF: ENTRY DOORS

- ❑ Basic Requirements Checklist.
- ❑ One set of the manufacturer's 'approval document' including:

  a. Extrusion or cross section with details, properties and all dimensions,
  b. Assembly details including reinforcements,
  c. Details of all connections including size and location, corresponding with tests, and
  d. Hardware descriptions with manufacturer's brand name, grade and their corresponding strike plate.

- ❑ Calculations verifying anchoring method used in the test.
- ❑ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol TAS 301.

- ❑ Impact & cyclic test per TAS 201 & 203. (If impact resistant)
- ❑ Air infiltration test per TAS 202.
- ❑ Uniform static air test per TAS 202.
- ❑ Water resistance test per TAS 202. (Optional if used in non-habitable areas designed to allow for water intrusion.)
- ❑ Force entry resistance test for sliding glass doors per ASTM F 842-83 (Grade 10) or AAMA 1303.5; for other doors in accordance with chapter 17 of the FBC.
- ❑ Tensile test per ASTM E 8-93. (For metal doors.) (See note #1)

Notes:
1. Tensile test – 3 specimens taken from tested door panel samples.
2. If door has plastic as a component, add plastic checklist to these requirements.
3. The following equation may be used to calculate the allowable cycle time for specimens larger than 75 ft^2 and with a width of more than 20 ft. and/or height of more than 8 ft.
   Maximum allowable cycle time for
   specimens over 75 ft^2 = (area of specimen – 75) x (0.06) +3 seconds
   Maximum allowable cycle time for this equation is not to exceed 10 seconds.